



CISCO CERTIFIED NETWORK ASSOCIATE ROUTING AND SWITCHING



CCNARS



COURSE

BROCHURE



INTRODUCTION TO THE COURSE

Cisco Certified Network Associate | Routing and Switching certification holders concentrate on network infrastructure, principally routing and switching. However, they also work on security, wireless access, and connectivity with branch offices with the help of Wide Area Network (WAN). The CCNA Routing and Switching credential provides the experts the knowledge and skills that make them job-ready.

The Cisco Certified Network Associate Routing and Switching certification is an entry-level networking course offered by IEM Labs. All the trainers of IEM Labs are field experts and have working experience in various firms as Network Engineers. The trainers have been teaching our students according to their diverse academic abilities. All the course modules are taught according to the globally acknowledged Cisco training standards.

FOCUS AREAS

● NETWORK SECURITY

LINUX ●

● TECHNICAL SUPPORT

LAN ●



Cisco Systems, Inc., a multinational company based in the US, offers the CCNA certification. The headquarters of Cisco Systems is located in Silicon Valley, CA. The Cisco Certified Network Associate (CCNA) Routing and Switching is the associate certification from Cisco Systems. IEM Labs is an affiliate of the Cisco Networking Academy and therefore providing these network security certification courses.

IEM Labs provides both online (through platforms such as Go to Meeting, Google Hangout Meet, and Zoom) and offline classes for benefitting the students. The most positive factor for a student to become trained by IEM Labs is the free one-year lab access. Every student can use the online virtual lab from the date they take admission to practice and collect all training videos, notes, study materials, and tools as required by their courses for 12 months without paying an extra penny.



MARKET JOB OPENINGS

Given below are the vacancies that are suitable for both students of IT and employed individuals to apply after the completion of the CCNA Routing and Switching course.

Network and Security Engineer- CCNP/CCNA

[Click Here to View Jobs](#)

Cisco Routing and Switching Administrator

[Click Here to View Jobs](#)

Online CCNA Certification Trainer

[Click Here to View Jobs](#)

Cisco Network Admin - Data

[Click Here to View Jobs](#)

ABOUT THE COURSE

- **Course Type:** Basic

- **Eligibility Criteria:**

→ No basic knowledge is required.

→ Minimum System Configuration Required: -

- o Intel i5 Processor

- o 8GB RAM

- o 1TB Hard Disk

- **Batch Size:** 5 students maximum

- **Course Duration:** 40 hours

	ONLINE	OFFLINE
COURSE FEE:	14000 INR	14000 INR
TRAINING LOCATION:	ANY	KOLKATA

MODULE 01	Introduction to Networking
MODULE 02	LAN, MAN & WAN Technologies
MODULE 03	Details of Internet
MODULE 04	Topologies
MODULE 05	Network Components
MODULE 06	Internet Protocol Version 4 (IPV4)
MODULE 07	Internet Protocol Version 6 (IPV6)
MODULE 08	Protocols
MODULE 09	Routing and Switching
MODULE 10	Inter-Vlan Routing
MODULE 11	Network Address Translation (NAT)
MODULE 12	Dynamic Host Control Protocol (DHCP)
MODULE 13	CISCO ISO & IOS Images & Licensing
MODULE 14	Open Shortest Path First (OSPF)
MODULE 15	Enhanced Interior Gateway Routing Protocol (EIGRP)
MODULE 16	Border Gateway Protocol (BGP)
MODULE 17	Hot Standby Router Protocol (HSRP)
MODULE 18	Configuration and Verification of Device Management
MODULE 19	Use Cisco IOS Tools to Troubleshoot and Resolve Problems
MODULE 20	Network Automation and Programmability
MODULE 21	Project





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